LETTERS


EDITORIAL

An Alternative Funding Mechanism: R. Roy .......................................................... 1377

ARTICLES

Research in EPA: A Congressional Point of View: G. E. Brown, Jr., and R. Byerly, Jr. ................................. 1385
The Evolution of Cooperation: R. Axelrod and W. D. Hamilton .......................... 1390

NEWS AND COMMENT

Dark Days for Social Research .................................................................................. 1397
Reagan to Keep OSTP and CEQ ................................................................................. 1398
Reagan Budget Would Reshape Science Policies ..................................................... 1399
Federal Job Exam to Be Retired ................................................................................. 1401
Blue Shield as a Medical Cartel ................................................................................ 1402
New University Law Decreed in Chile ..................................................................... 1403

Briefing: Nobel Follies; Reagan Selects New OSHA Director; Export of Hazardous Goods Raises Congressional Ire; Solving Louisville’s Friday the 13th Explosion ........................................................................ 1404

RESEARCH NEWS

Electron Microscope Center Opens at Berkeley ......................................................... 1407
Meeting Highlights: Caffeine’s Stimulatory Effects Explained; Cell Defect in Mental Retardation .......................................................... 1408
Data Sought on Low Cholesterol and Cancer ............................................................ 1410

BOOK REVIEWS

Adaptive Radiations in Prehistoric Panama, reviewed by F. W. Lange; The Paleobiology of Plant Protists, F. J. R. Taylor; Climates
Oxygen Isotope Ratios in Trees Reflect Mean Annual Temperature and Humidity: R. L. Burk and M. Staiver

Volcanic Origin of the Eruptive Plumes on Io: A. F. Cook et al.


Stable Lead Isotopes as a Tracer in Coastal Waters: V. J. Stukas and C. S. Wong

Detection of a Milk Factor That Facilitates Folate Uptake by Intestinal Cells: N. Colman, N. Hettiarachchy, V. Herbert

Aspirin Prevention of Cholesterol Gallstone Formation in Prairie Dogs: S. P. Lee, M. C. Carey, J. T. LaMont

Repair of the Ultraviolet-Irradiated Male Genome in Fertilized Mouse Eggs: B. Brandriff and R. A. Pedersen

Molecular Basis of Bunyavirus Transmission by Mosquitoes: Role of the Middle-Sized RNA Segment: B. J. Beaty et al.

Non-Mendelian Inheritance of Mosquito Susceptibility to Infection with Brugia malayi and Brugia pahangi: M. Trpis, R. E. Duhrkopf, K. L. Parker

Ultrasensitive Stain for Proteins in Polyacrylamide Gels Shows Regional Variation in Cerebrospinal Fluid Proteins: C. R. Merrill et al.

Fluorocarbons Reduce Myocardial Ischemic Damage After Coronary Occlusion: D. H. Glogar et al.

F-Cell Production in Sickle Cell Anemia: Regulation by Genes Linked to \( \beta \)-Hemoglobin Locus: G. J. Dover, S. H. Boyer, M. E. Pembrey

Potent Contact Allergen in the Rubber Plant Guayule (Parthenium argentatum): E. Rodriguez, G. W. Reynolds, J. A. Thompson


Pentobarbital: Dual Actions to Increase Brain Benzodiazepine Receptor Affinity: P. Skolnick et al.


An Endocrine Approach to the Control of Epidermal Growth: Serum-Free Cultivation of Human Keratinocytes: T. Maciag et al.

Estrogen Receptors in the Nidatory Sites of the Rat Endometrium: D. Martel and A. Psychosys

Gas Chromatograph; Freezer; Chemical Analyzer; Affinity Purified Antibodies; Aliquot Mixer; Microbial Monitor; Centrifuges; Literature

Cross-sectional positron computed tomography images of glucose metabolism in the brain of a normal human subject with eyes open (images, left) and eyes closed (images, right). Lighter colors correspond to higher metabolic rates. Note higher metabolic rate in the portion of the brain associated with vision (arrows) when the eyes are open as compared to when the eyes are closed. See page 1445. [M. E. Phelps et al., University of California School of Medicine, Los Angeles]